

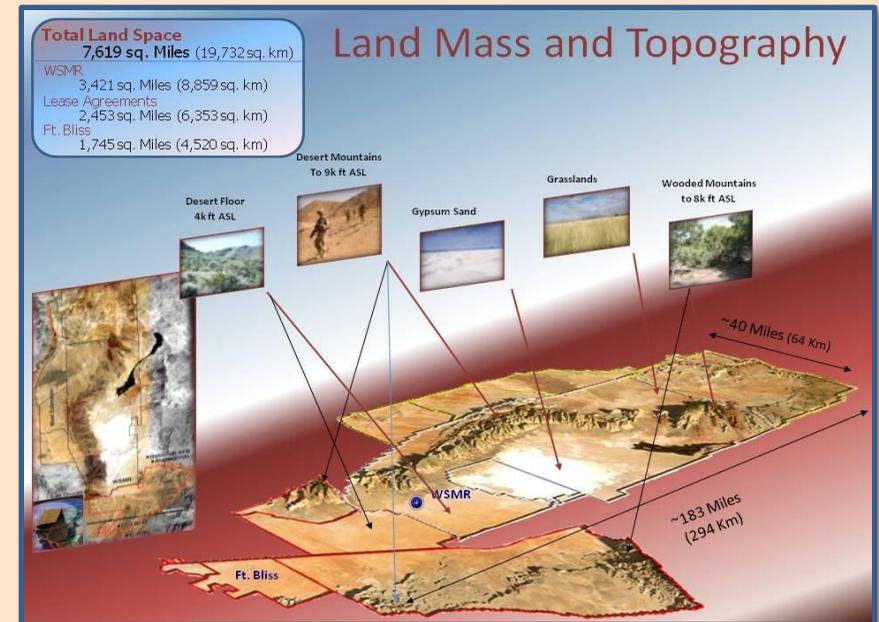
WHITE SANDS MISSILE RANGE AT A GLANCE



White Sands Missile Range (WSMR) is a unique tri-service installation dedicated to Test and Evaluation (T&E) research, and the assessment of military weapon systems and commercial products through testing and training. We are the largest open-air land test range (with controlled airspace) in the Department of Defense (DoD).

WSMR's capabilities include testing of the following:

- Unmanned systems
- Space Systems and Sensors
- Directed Energy
- Countermeasures
- Missiles and Rockets
- Urban Environments
- Command, Control, Communications, and Computers, Intelligence, Surveillance and Reconnaissance (C4ISR)
- Electromagnetic Environment Effects (E3)
- Nuclear Weapons Effects
- System of Systems (ABCTM)



Testing Environment Highlights:

- Visibility greater than 6 miles, 311 days per year
- Land Space: 100 miles x 40 miles expandable to 180 miles x 60 miles
- Diverse terrain ranges from high desert valley at 4,000' MSL to desert and mountains at 9,000' MSL
- Restricted Air Space: 10,020 miles ground to space expandable to 11,130 miles
- Full FAA scheduling authority

WHITE SANDS MISSILE RANGE AT A GLANCE

URBAN TEST FACILITIES

- MOUNTAIN VILLAGE
- YUCCA VILLAGE

NUCLEAR EFFECTS TESTING

- FAST BURST REACTOR
- WHITE SANDS SOLAR FURNACE
- RELATIVISTIC ELECTRON BEAM ACCELERATOR
- COMPACT FLASH X-RAY SIMULATOR
- RAPID RESPONSE LABORATORY
- LINEAR ELECTRON ACCELERATOR
- RADIATION CORRELATION LABORATORY
- SEMICONDUCTOR TEST LABORATORY

SPACE EFFECTS TESTING

- COMBINED RADIATION ENVIRONMENT
- GAMMA RADIATION FACILITY

ELECTROMAGNETIC EFFECTS TESTING

- ELECTROMAGNETIC RADIATION
- ELECTROMAGNETIC INTERFERENCE
- ELECTROSTATIC DISCHARGE FACILITIES

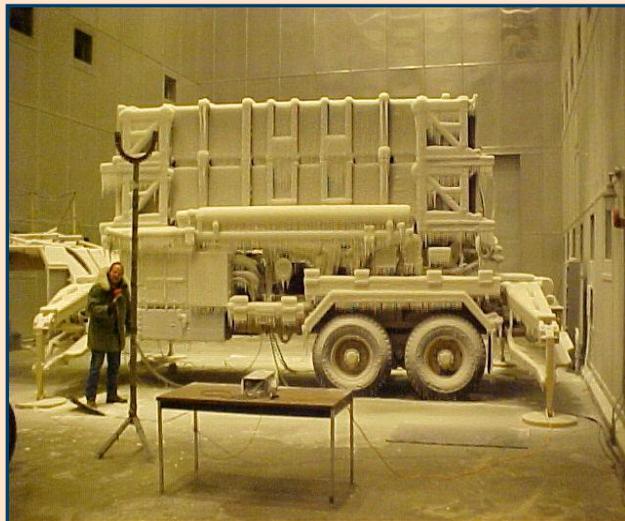
AERIAL CABLE FACILITIES METALLURGY LAB CHEMISTRY LAB

Other Team Members :

NASA, Air Force, Navy, PEO-Integration, Training and Doctrine Command (TRADOC), High Energy Laser Systems Test Facility (HELSTF), Defense Threat Reduction Agency (DTRA), Army Research Laboratory (ARL), and Center for Countermeasures (CCM).

ENVIRONMENTAL TEST AREA II:

ETA supports the following types of testing: fungus, high temperature, rain, wind, sand/dust, and small item temperature, humidity, salt and fog testing. Multiple tests can be conducted simultaneously



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DIRECTED ENERGY

- PULSED LASER VULNERABILITY TEST SYSTEM
 - THREAT LASERS
- ADVANCED POINTED TRACKER
 - SEA LITE BEAM DIRECTOR
 - HIGH POWER MICROWAVE

DYNAMIC TESTING

- DROP TESTS
- CENTRIFUGE TESTS
- WARHEAD ARENA TESTS
- WARHEAD IMPACT TARGETS

CLIMATIC TESTING

- TEMPERATURE TEST FACILITY
 - HOT CHAMBER
 - ALTITUDE CHAMBER
 - IMMERSION TANK

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WSMR is fully committed to providing valuable test and training services to our customers *on-time and on-budget.*